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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24864

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01N 1/00; C12N 5/00

US CL : 435/325, 1.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/325, 1.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
US priority documents 60/459,090, 60/401/968 and PCTAU0300552

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Medline, EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | DE 197 56 864 C1 (VOSSIUS et al.) 29 April 1999 (29.04.1999), entire disclosure, see english translation. | 26-53 |
| — | | |
| Y | | 1-53 |
| A | KAWASAKI et al., "Induction of midbrain dopaminergic neurons from ES cells by stromal cell-derived inducing activity", Neuron 2000 October, Vol. 28, No. 1, pages 31-40. | 1-53 |
| A | Sasai, Y Beneration of dopaminergic neurons from embryonic stm cells, J. Neurol, 2002 September, Vol. 249, Suppl 2, pages 1141-1144, entire reference. | 1-53 |
| A,P | KUO et al. Differentiation of monkey embryonic stem cellls into neural lineages, Biol Reproduction 2003, Vol. 68, pages 1727-1735. | 1-53 |
| A,P | US 6,562,619 B1 (Gearhart et al.) 13 May, 2003 (13.05.2003), entire document. | 1-53 |
| A,P | US 2002/0146678 A1 (Benvenisty) 10 October 2002 (10.0.2002), entire reference. | 1-53 |

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Further documents are listed in the continuation of Box C.

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See patent family annex.

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|--|---|-----|--|
| * Special categories of cited documents: | | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
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| "O" | document referring to an oral disclosure, use, exhibition or other means | | |
| "P" | document published prior to the international filing date but later than the priority date claimed | | |

Date of the actual completion of the international search

03 February 2004 (03.02.2004)

Date of mailing of the international search report

15 MAR 2004

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